



Plot No 3,

Narol Environment Plants Line,

Nr. Kumar Cotton Mill,

B/h. Old Narol Court, Narol,

Ahmedabad-382405

GUJARAT, INDIA.

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## **TECHNICAL DATA:**

### **PRODUCT :**

(A) Name	: Phthalocyanine Blue Beta
(B) Chemical Class	: Phthalocyanine
(C) Chemical Type	: Organic
(D) Color Index Name	: Pigment Blue 15:3
(E) Color Index Number	: 74160
(F) CAS Number	: 147-14-8
(G) Chemical Formula	: C <sub>32</sub> H <sub>16</sub> CuN <sub>8</sub>

### **PHYSICAL PROPERTIES :**

(A) Specific Gravity (20°C)	: 1.5
(B) Oil Absorption	: 31 cc.
(C) Sieve Residue (350 Mesh)	: 1 % max.
(D) Moisture Content	: 1 % max.
(E) Water Soluble	: 1 % max.
(F) Ph. Of Aqueous Solution	: 7
(G) Powder Appearance	: Dry Blue Powder

### **HEAT RESISTANCE :**

(a) 120 °C for 30 minutes	: Stable
(b) 150 °C for 20 minutes	: Stable
(c) 200 °C for 10 minutes	: Stable

**TOXICOLOGICAL PROPERTIES : Non toxic**

### **FASTNESS PROPERTIES : (1- 5 SCALE : 1 POOR - 5 EXCELLENT)**

Water	: 5	Acetone	: 5
Linseed Oil	: 5	Ethanol	: 5
Butanol	: 5	Methyl Ethyl Ketone	: 5



Shree  
**MATRU KRUPA**  
**CHEMICALS**



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Xylene	: 5	Mineral Turpentine	: 5
Butyl Acetate	: 5	5% Soap Solution	: 5

**LIGHT FASTNESS : ( 1 - 8 Scale : 1 Very low - 8 Outstanding)**

25% Shade : 8

10% Shade : 8

5% Shade : 8

**APPLICATIONS** : Paint, Printing ink, Plastics, Rubber, Soap, Textile, Cement Color etc.

**HAZARDOUS INGREDIENTS : NONE**

- Although the data supplied above are believed to be correct, the data are presented without any warranty concerning the suitability, performance or correctness of the product for a particular application or use. Significant variations can occur between test results and results obtained in actual use. We strongly advise that before purchase the buyer test the product in the specific intended application under conditions expected during use.